Form PTO-1449 (modified)

Atty. Docket No. 55197-00010USPT

Serial No. 10/608,400

O\P

Ė

Exist of Patents and Publications for Applicant's

FIRST INFORMATION DISCLOSURE STATEMENT

Applicant
Michael J. Pugia et al.

NOV O A 7005

Page 1

Filing Date: June 27, 2003 Group: 1743

U.S. Patent Documents

| | Exam. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date if App. |
|---|-------|--------------|--------------------|----------|--------------------------|-------|--------------|---------------------|
| | | A1 | 3,798,459 | 03/19/74 | Anderson et al. | 250 | 218 | |
| X | | A2 | 3,799,742 | 03/26/74 | C.M. Coleman | 23 | 253 R | |
| | | A3 | 3,804,533 | 04/16/74 | Scott | 356 | 197 | |
| | | A4 | 3,856,649 | 12/24/74 | Genshaw et al. | 204 | 195 | |
| | | A5 | 4,310,399 | 01/12/82 | Columbus | 204 | 195 R | |
| | | A6 | 4,534,659 | 08/13/85 | Dourdeville et al. | 366 | 338 | |
| | | A7 | 4,587,220 | 05/06/86 | Mayambala-Mwanika et al. | 436 | 66 | |
| | | A8 | 4,600,507 | 07/15/86 | Shimizu et al. | 210 | 94 | |
| | | A9 | 4,618,476 | 10/21/86 | Columbus | 422 | 100 | |
| | | A10 | 4,676,274 | 06/30/87 | Brown | 137 | 806 | |
| | | A11 | 4,755,472 | 07/05/88 | Ismail et al. | 436 | 66 | |
| | | A12 | 4,908,112 | 03/13/90 | Pace | 204 | 299 | |
| | | A13 | 4,963,498 | 10/16/90 | Hillman et al. | 436 | 69 | |
| | | A14 | 5,024,647 | 06/18/91 | Jubin et al. | 494 | 37 | |
| | | A15 | 5,089,420 | 02/18/92 | Albarella et al. | 436 | 66 | |
| | | A16 | 5,096,836 | 03/17/92 | Macho et al. | 436 | 169 | |
| | | A17 | 5,160,702 | 11/03/92 | Kopf-Sill et al. | 422 | 72 | |
| | | A18 | 5,164,598 | 11/17/92 | Hillman et al. | 250 | 341 | |
| | | A19 | 5,187,104 | 02/16/93 | Corey et al. | 436 | 86 | |
| | | A20 | 5,222,808 | 06/29/93 | Sugarman et al. | 366 | 274 | |
| | | A21 | 5,279,790 | 01/18/94 | Nilsson et al. | 422 | 102 | |
| | | A22 | 5,286,454 | 02/15/94 | Nilsson et al. | 422 | 102 | |
| | | A23 | 5,296,192 | 03/22/94 | Carroll et al. | 422 | 56 | |
| | | A24 | 5,318,894 | 06/07/94 | Pugia | 435 | 28 | |
| | | A25 | 5,360,595 | 11/01/94 | Bell et al. | 422 | 56 | |
| | | A26 | 5,372,918 | 12/13/94 | Usui et al. | 430 | 379 | |
| | V | A27 | 5,424,128 | 06/13/95 | Ballard et al. | 428 | 364 | |

| Examiner: | DATE CONSIDERED: | 1/6/ | 2006. |
|-----------|------------------|------|-------|
| | | | |

EXAMINER: NITIALIF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

| Form P | ГО-1449 | (modified) | | Atty. Docket No. 55197-00010USPT | l l | ial No. 608,400 | | |
|--------------------------|---------|---------------------|----------|--|----------|--------------------|---------|--|
| | | Publications for Ap | - | Applicant Michael J. Pugia et al. | <u> </u> | | | |
| Page 2 | | | | Filing Date: Group: 1743 June 27, 2003 | | | | |
| A | A28 | 5,443,890 | 08/22/95 | Öhman | 428 | 167 | | |
| | A29 | 5,478,751 | 12/26/95 | Oosta et al. | 436 | 165 | | |
| 1 | A30 | 5,585,069 | 12/17/96 | Zanzucchi et al. | 422 | 100 | | |
| | A31 | 5,631,303 | 05/20/97 | Reinecke | 521 | 40.5 | | |
| | A32 | 5,716,741 | 02/10/98 | Reinecke et al. | 430 | 8 | <u></u> | |
| | A33 | 5,826,981 | 10/27/98 | Fowler et al. | 366 | 337 | | |
| | A34 | 5,834,314 | 11/10/98 | Gates et al. | 436 | 52 | | |
| | A35 | 5,837,200 | 10/17/98 | Diessel et al. | 422 | 73 | | |
| | A36 | 5,842,787 | 12/01/98 | Kopf-Sill et al. | 366 | 340 | | |
| | A37 | 5,851,776 | 12/22/98 | Valkirs | 435 | 7.1 | | |
| | A38 | 5,866,345 | 02/02/99 | Wilding et al. | 435 | 7.21 | | |
| | A39 | 5,885,527 | 03/23/99 | Buechler | 422 | 58 | | |
| | A40 | 5,912,134 | 06/15/99 | Shartle | 435 | 7.24 | | |
| | A41 | 5,921,678 | 07/13/99 | Desai et al. | 366 | 336 | | |
| | A42 | 5,922,615 | 07/13/99 | Nowakowski et al. | 436 | 518 | | |
| | A43 | 5,932,315 | 08/03/99 | Lum et al. | 428 | 172 | | |
| | A44 | 5,939,272 | 08/17/99 | Buechler et al. | 435 | 7.1 | | |
| | A45 | 5,942,443 | 08/24/99 | Parce et al. | 436 | 514 | | |
| | A46 | 5,948,227 | 09/07/99 | Dubrow | 204 | 455 | | |
| | A47 | 5,955,028 | 09/21/99 | Chow | 422 | 63 | | |
| | A48 | 5,957,579 | 09/28/99 | Kopf-Sill et al. | 366 | 340 | | |
| | A49 | 5,958,203 | 09/28/99 | Parce et al. | 204 | 451 | | |
| | A50 | 5,958,694 | 09/28/99 | Nikiforov | 435 | 6 | | |
| | A51 | 5,959,291 | 09/28/99 | Jensen | 250 | 214 R | - | |
| | A52 | 5,964,995 | 10/12/99 | Nikiforov et al. | 204 | 450 | | |
| | A53 | 5,965,001 | 10/12/99 | Chow et al. | 204 | 600 | | |
| | A54 | 5,965,375 | 10/12/99 | Valkirs | 435 | 7.2 | | |
| $\neg \uparrow \uparrow$ | A55 | 5,965,410 | 10/12/99 | Chow et al. | 435 | 91.2 | | |
| | A56 | 5,972,187 | 10/26/99 | Parce et al. | 204 | 453 | | |
| 7/ | A 57 | 5.076.226 | 11/02/00 | Dubanus et al | 204 | 1.50 | | |

| Examiner: | DATE CONSIDERED: | 1/6/2006. |
|-----------|------------------|-----------|
| | | |

11/02/99

EXAMINER MITTAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Dubrow et al.

204

453

| Form P | Γ Q -1449 | (modified) | | Atty. Docket No. 55197-00010USPT | | Serial No. 10/608,400 | |
|-------------|------------------|-----------------------|----------|-------------------------------------|-----|--------------------------|---|
| | | d Publications for Ap | | Applicant | | | |
| n/2 | / | Page 3 | | Filing Date: June 27, 2003 | (| Group: 1743 | |
| | A58 | 5,985,579 | 11/16/99 | Buechler et al. | 435 | 7.1 | |
| | A59 | 5,989,402 | 11/23/99 | Chow et al. | 204 | 601 | |
| Δ | A60 | 5,994,150 | 11/30/99 | Challener et al. | 436 | 518 | |
| | A61 | 6,001,231 | 12/14/99 | Kopf-Sill | 204 | 454 | |
| | A62 | 6,002,475 | 12/14/99 | Boyd et al. | 356 | 246 | |
| | A63 | 6,004,515 | 12/21/99 | Parce et al. | 422 | 100 | |
| | A64 | 6,011,252 | 01/04/00 | Jensen | 250 | 214 R | |
| | A65 | 6,012,902 | 01/11/00 | Parce | 417 | 48 | |
| | A66 | 6,019,944 | 02/01/00 | Buechler | 422 | 2 58 | |
| | A67 | 6,024,138 | 02/15/00 | Fritz et al. | 141 | 31 | |
| | A68 | 6,030,581 | 02/29/00 | Virtanen | 422 | 68.1 | |
| | A69 | 6,037,455 | 03/14/00 | Buechler · | 530 | 404 | |
| | A70 | 6,042,709 | 03/28/00 | Parce et al. | 204 | 453 | |
| | A71 | 6,043,043 | 03/28/00 | Yip | 435 | 72 | |
| | A72 | 6,046,056 | 04/04/00 | Parce et al. | 436 | 514 | |
| | A73 | 6,048,498 | 04/11/00 | Kennedy | 422 | . 99 | |
| | A74 | 6,065,864 | 05/23/00 | Evans et al. | 366 | 167.1 | |
| | A75 | 6,068,752 | 05/30/00 | Dubrow et al. | 204 | 604 | - |
| | A76 | 6,071,478 | 06/06/00 | Chow | 422 | 81 | |
| | A77 | 6,074,725 | 06/13/00 | Kennedy | 428 | 188 | |
| | A78 | 6,080,295 | 06/27/00 | Parce et al. | 204 | 451 | |
| | A79 | 6,082,891 | 07/04/00 | Schubert et al. | 366 | 338 | |
| | A80 | 6,086,740 | 07/11/00 | Kennedy | 204 | 601 | |
| | A81 | 6,086,825 | 07/11/00 | Sundberg et al. | 422 | 100 | |
| | A82 | 6,090,251 | 07/18/00 | Sundberg et al. | 204 | 453 | |
| | A83 | 6,100,099 | 08/08/00 | Gordon et al. | 436 | 518 | |
| | A84 | 6,100,541 | 08/08/00 | Nagle et al. | 250 | | |
| 77 | A85 | 6,106,779 | 08/22/00 | Buechler et al. | 422 | | |
| $\neg \neg$ | A86 | 6,107,044 | 08/22/00 | Nikiforov | 435 | 6 | |
| V | A87 | 6,113,858 | 09/05/00 | Buechler | 422 | 58 | |

| 11 / | | |
|-----------|------------------|-----------|
| Examiner: | DATE CONSIDERED: | 1/6/2006. |
| EVAMINED. | | 7 |

EXAMINER: WITHAUT REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

| Form PI | O-1449 | (modified) | | Atty. Docket No. 55197-00010USPT | | ial No. 608,400 | |
|---|--------|--------------|-----------|-------------------------------------|-----|--------------------|-------------|
| List of Patents and Publications for Applicant's FIRST INFORMATION DISCLOSURE STATEMENT | | | Applicant | | | | |
| 26/ | | Page 4 | | Filing Date: June 27, 2003 | Gro | oup: 1743 | |
| A | A88 | 6,123,798 | 09/26/00 | Gandhi et al. | 156 | 292 | |
| | A89 | 6,129,826 | 10/10/00 | Nikiforov et al. | 204 | 450 | |
| $/\!\!\perp\!\!\!\perp$ | A90 | 6,130,098 | 10/10/00 | Handique et al. | 436 | 180 | |
| | A91 | 6,132,685 | 10/17/00 | Kercso et al. | 422 | 104 | |
| | A92 | 6,136,272 | 10/24/00 | Weigl et al. | 422 | 82.05 | |
| | A93 | 6,136,610 | 10/24/00 | Polito et al. | 436 | 514 | |
| | A94 | 6,143,576 | 11/07/00 | Buechler | 436 | 518 | |
| | A95 | 6,148,508 | 11/21/00 | Wolk | 29 | 825 | |
| | A96 | 6,149,870 | 11/21/00 | Parce et al. | 422 | 100 | |
| | A97 | 6,150,119 | 11/21/00 | Kopf-Sill et al. | 435 | 7.1 | |
| | A98 | 6,150,180 | 11/21/00 | Parce et al. | 436 | 514 | |
| | A99 | 6,156,270 | 12/5/00 | Buechler | 422 | 58 | |
| | A100 | 6,170,981 B1 | 01/09/01 | Regnier et al. | 366 | 336 | |
| | A101 | 6,176,119 B1 | 01/23/01 | Kintzig | 73 | 53.01 | |
| | A102 | 6,176,991 B1 | 01/23/01 | Nordman | 204 | 601 | |
| | A103 | 6,185,029 B1 | 02/06/01 | Ishihara | 359 | 216 | |
| | A104 | 6,186,660 B1 | 02/13/01 | Kopf-Sill et al. | 366 | 340 | |
| | A105 | 6,190,034 B1 | 02/20/01 | Nielsen et al. | 366 | 336 | |
| 1 | A106 | 6,207,000 B1 | 03/27/01 | Schwobel et al. | 156 | 248 | |
| 1 | A107 | 6,235,175 B1 | 05/22/01 | Dubrow et al. | 204 | 453 | |
| | A108 | 6,238,538 B1 | 05/29/01 | Parce et al. | 204 | 600 | |
| | A109 | 6,241,379 B1 | 06/05/01 | Larsen | 366 | 181.5 | |
| | A110 | 6,251,567 B1 | 06/26/01 | Reinecke et al. | 427 | 581 | |
| | A111 | 6,254,754 B1 | 07/03/01 | Ross et al. | 204 | 548 | |
| | A112 | 6,264,900 B1 | 07/24/01 | Schubert et al. | 422 | 224 | |
| | A113 | 6,268,025 B1 | 07/31/01 | Reinecke et al. | 427 | 581 | |
| | A114 | 6,281,254 B1 | 08/28/01 | Nakajima et al. | 516 | 53 | |
| 1 | A115 | 6,284,113 B1 | 09/04/01 | Bjornson et al. | 204 | 453 | |
| 1 | A116 | | 09/11/01 | Parce et al. | 422 | 100 | |
| V | A117 | 6,296,020 BX | 10/02/01 | McNeely et al. | 137 | 806 | |

| Examiner: | DATE CONSIDERED: | 1/6/2006 |
|-----------|------------------|----------|

EXAMINER: NITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

| Form P | ГО-1449 | (modified) | | Atty. Docket No. 55197-00010USPT | | | al No. 608,400 | | |
|--------|---------|---|----------|-------------------------------------|----|-----|-------------------|----------|--|
| | | Publications for App TION DISCLOSURE | • | Applicant Michael J. Pugia et al. | | | | | |
| 2/ | | Page 5 | | Filing Date: June 27, 2003 | | Gro | up: 1743 | | |
| | A118 | 2001/0037099 A1 | 11/01/01 | Effenhauser | 60 |)4 | 352 | 02/27/01 | |
| | A119 | 2001/0042712 A1 | 11/22/01 | Battrell et al. | 21 | 10 | 511 | 5/23/01 | |
| | A120 | 6,319,469 | 11/20/01 | Mian et al. | 42 | 22 | 64 | | |
| | A121 | 6,321,791 B1 | 11/17/01 | Chow | 13 | 17 | 833 | | |
| | A122 | 6,322,683 B1 | 11/27/01 | Wolk et al. | 20 |)4 | 600 | | |
| | A123 | 2001/0048900 A1 | 12/06/01 | Bardell et al. | 42 | 22 | 100 | 5/23/01 | |
| | A124 | 2002/0015959 A1 | 02/07/02 | Bardell et al. | 43 | 15 | 6 | 6/22/01 | |
| | A125 | 2002/0023684 A1 | 02/28/02 | Chow | 13 | 17 | 833 | 6/8/01 | |
| | A126 | 2002/0048535 A1 | 04/25/02 | Weigl et al. | 42 | 22 | 100 | 09/18/01 | |
| | A127 | 6,379,974 B1 | 04/30/02 | Parce et al. | 43 | 6 | 180 | | |
| | A128 | 2002/0058332 A1 | 05/16/02 | Quake et al. | 43 | 15 | 288.3 | 09/14/01 | |
| | A129 | 6,399,361 B2 | 06/04/02 | Brotherston et al. | 43 | 15 | 283.1 | | |
| | A130 | 2002/0076350 A1 | 06/20/02 | Weigl et al. | 42 | 22 | 58 | 09/18/01 | |
| \Box | A131 | 2002/0079219 A1 | 06/27/02 | Zhao et al. | 20 | 14 | 451 | 08/24/01 | |

| _ | | | | | | | | | |
|---|---|------|-----------------|----------|------------------|-----|--------|----------|---|
| | | A131 | 2002/0079219 A1 | 06/27/02 | Zhao et al. | 204 | 451 | 08/24/01 | |
| | | A132 | 2002/0097632 A1 | 07/25/02 | Kellogg et al. | 366 | 220 | 05/15/01 | |
| | | A133 | 6,428,664 B1 | 08/06/02 | Bhullar et al. | 204 | 403.03 | | _ |
| | | A134 | 2002/0112961 A1 | 08/22/02 | O'Connor et al. | 204 | 601 | 4/17/02 | - |
| | | A135 | 2002/0114738 A1 | 08/22/02 | Wyzgol et al. | 422 | 100 | 10/25/01 | - |
| | | A136 | 6,582,662 B1 | 06/24/03 | Kellogg et al. | 422 | 72 | | |
| | | A137 | 6,457,854 B1 | 10/01/02 | Koop et al. | 366 | 336 | | |
| | | A138 | 6,540,896 B1 | 04/01/03 | Manz et al. | 204 | 451 | | |
| | | A139 | 6,632,399 B1 | 10/14/03 | Kellogg et al. | 422 | 72 | | |
| | | A140 | 6,653,625 B2 | 11/25/03 | Andersson et al. | 250 | 288 | | _ |
| | | A141 | 6,709,559 B2 | 03/23/04 | Sundbert et al. | 204 | 604 | | _ |
| | | A142 | 6,734,401 B2 | 05/11/04 | Bedingham et al. | 219 | 388 | | _ |
| | | A143 | 6,776,965 B2 | 08/17/04 | Wyzgol et al. | 422 | 100 | | • |
| | | A144 | 6,811,752 B2 | 11/02/04 | Barbera-Guillem | 422 | 100 | | _ |
| V | / | A145 | 6,878,555 B2 | 04/12/05 | Andersson et al. | 436 | 180 | | _ |

Examiner Date Considered: 1/6/2006.

EXAMINER: MITIAL OF BEFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

.gi i

| FIRST INFORMATION DISCLOSURE STATEMENT | Atty. Docket No. 55197-00010USPT | Serial No. 10/608,400 |
|---|-------------------------------------|--------------------------|
| List of Patents and Publications for Applicant's FIRST INFORMATION DISCLOSURE STATEMENT | Applicant Michael J. Pugia et al. | |
| Page 6 | Filing Date: June 27, 2003 | Group: 1743 |

| |) | F | oreign F | Patent Document | S | | |
|----------------|--------------|--------------------|----------|--------------------|--------|--------------|-----------------------|
| Exam. | Ref. Des. | Document Number | Date | Country | Class | Sub Class | Translation Yes/No |
| A | Bl | EP 0 693 560 A2 | 01/24/96 | Europe | C12Q | 1/68 | |
| VL /\ | B2 | EP 0 693 560 A3 | 01/22/97 | Europe | C12Q | 1/68 | |
| U | B3 | EP 1 013 341 A2 | 06/28/00 | Europe | B01L | 3/00 | |
| | B4 | EP 1 013 341 A3 | 01/10/01 | Europe | B01L | 3/00 | |
| | B5 | EP 0 871 539 B1 | 02/20/02 | Europe | B01D | 69/02 | |
| | В6 | WO 97/00121 | 01/03/97 | PCT | B01D | 69/02 | |
| | B7 | WO 97/01055 | 01/09/97 | PCT | F16K | 7/17 | |
| | B8 | WO 99/46045 A1 | 09/16/99 | PCT | B01L | 3/00 | |
| | В9 | WO 00/22436 | 04/20/00 | PCT | G01N | 33/567 | |
| | B10 | WO 00/21728 | 04/20/00 | PCT | B29C | 33/38 | |
| | B11 | WO 00/25921 | 05/11/00 | PCT | B01L | 3/00 | |
| | B12 | WO 00/34781 A2 | 06/15/00 | PCT | GOIN | 33/53 | |
| | B13 | WO 00/34781 A3 | 06/15/00 | PCT | G01N | 33/553 | |
| | B14 | WO 00/36416 A1 | 06/22/00 | PCT | G01N | 33/543 | |
| | B15 | WO 01/12329 A1 | 02/22/01 | PCT | B01L | 3/02 | |
| | B16 | WO 01/14063 A1 | 03/01/01 | PCT | B01L | 3/00 | |
| | B17 | WO 01/14116 A1 | 03/01/01 | PCT | B29C | 33/42 | |
| | B18 | WO 01/19586 A1 | 03/22/01 | PCT | B29C | 33/42 | |
| | B19 | WO 01/54810 A1 | 08/02/01 | PCT | B01J | 19/00 | |
| | B20 | WO 02/18053 A1 | 03/07/02 | PCT | B01L | 3/02 | |
| | B21 | WO 02/28532 A3 | 04/11/02 | PCT | B01L | 3/00 | |
| | B22 | EP 1 013 341 B1 | 12/10/03 | Europe | B01L | 3/00 | |
| V | B23 | CA 2,323,424 | 03/08/05 | Canada | B01L | 3/00 | |
| | Othe | r Art (Includir | g Autho | r, Title, Date Per | tinent | Pages | s, Etc.) |
| Exam. Init. | Ref. Des. | | | Citation | | · · · · · · | |
| | C01 | 0 | | | | | |

| Examiner, J | DATE CONSIDERED: 1/6/2006. |
|--|--|
| EXAMINER INTO A REFERENCE CONSIDERED WHETHER | OR NOT CITATION IS IN CONFORMANCE WITH MPEP 600. DRAW I BY |

EXAMINELY INITIAL OF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPÉP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.